

IN THE CLAIMS:

Claims 1 - 19 (Cancelled)

Claim 20 (Currently amended) In an endoluminal delivery device for deployment of an endoluminal therapeutic device at a desired location for treatment within the vasculature of a patient, the endoluminal delivery device including an elongated flexible tubular catheter having a narrowed, tubular distal tip having a proximal end and a distal end, the tubular distal tip having a surface defining a distal opening, and the tubular distal tip being formed of a yieldable material, the improvement comprising:

said tubular distal tip having a frustoconical shape, and the diameter of the distal

opening being smaller than a portion of the endoluminal therapeutic device for capturing and releasably retaining said portion of the endoluminal therapeutic device; and

an elongated pusher member coaxially disposed within the elongated flexible tubular catheter and having a distal end adapted to contact and dislodge the portion of the endoluminal therapeutic device from said tubular distal tip.

Claim 21 (Previously presented) The endoluminal delivery device of claim 20, wherein said yieldable material is selected from the group consisting of a shape memory polymer, a shape memory metal, an elastomer, polyethylene terephthalate and high density polyethylene.

Claim 22 (Previously presented) The endoluminal delivery device of Claim 20, wherein said tubular distal tip captures a stem portion of the endoluminal therapeutic device.

Claim 23 (Cancelled)